

FIG. 1

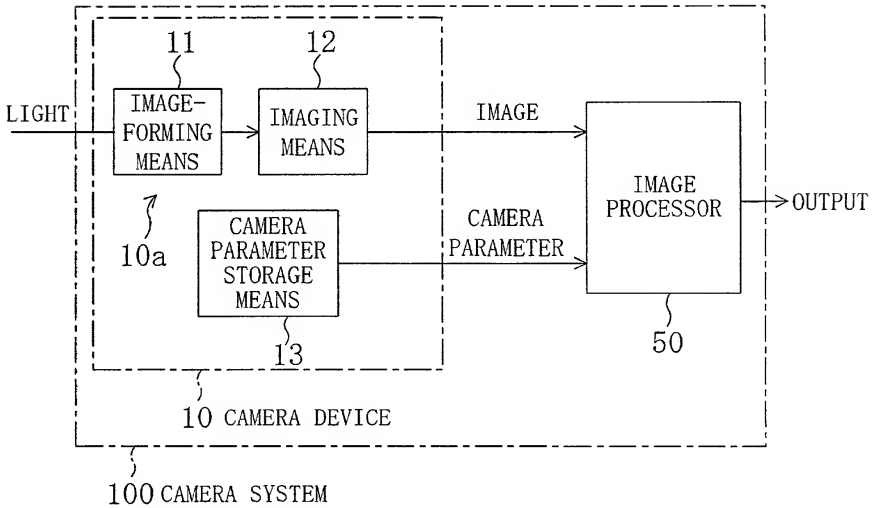


FIG. 2

		TYPE	VALUE	
CAMERA STRUCTURE PARAMETER	{	FOCAL LENGTH	f	1.65 mm
		PROJECTION CENTER	u0	358.54 pixel
			v0	234.09 pixel
CAMERA COMPONENT PARAMETER	{	PIXEL SIZE	dpx	0.00515 mm
			dpy	0.00555 mm
		LENS DISTORTION	k	0.029599

FIG. 3

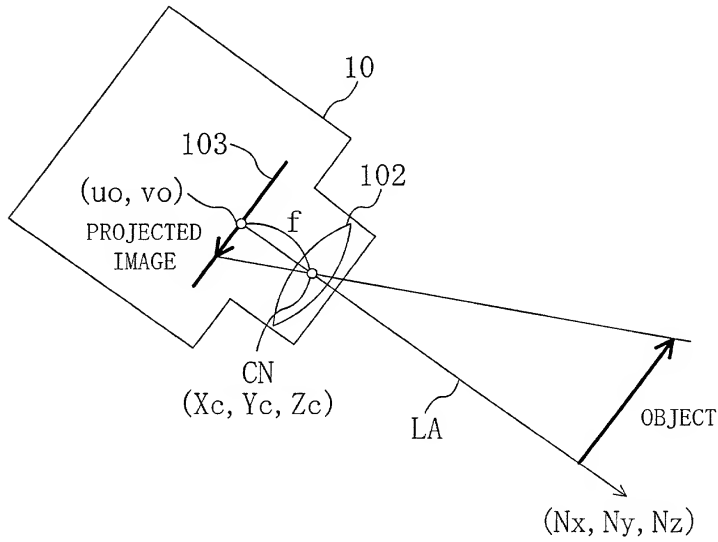


FIG. 4C

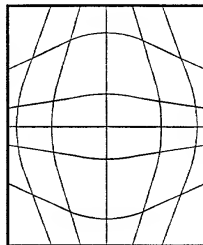


FIG. 4B

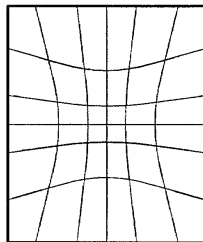


FIG. 4A

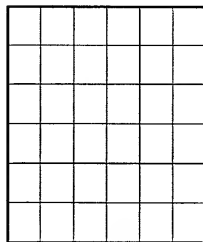


FIG. 5

TYPE		VALUE	
FOCAL LENGTH	f	1.65	mm
PROJECTION CENTER	u_0	358.54	pixel
	v_0	234.09	pixel
PIXEL SIZE	d_{px}	0.00515	mm
	d_{py}	0.00555	mm
LENS DISTORTION		0.029599	
RELATIVE POSITION OF LENS CENTER	dx	0.05	mm
	dy	5.5	mm
	dz	15.23	mm
DIRECTIONAL VECTOR OF OPTICAL AXIS	n_{sx}	0.01745	
	n_{sy}	0.03489	
	n_{sz}	0.9924	
TWIST ANGLE ABOUT OPTICAL AXIS	θ_s	0	degree

FIG. 6

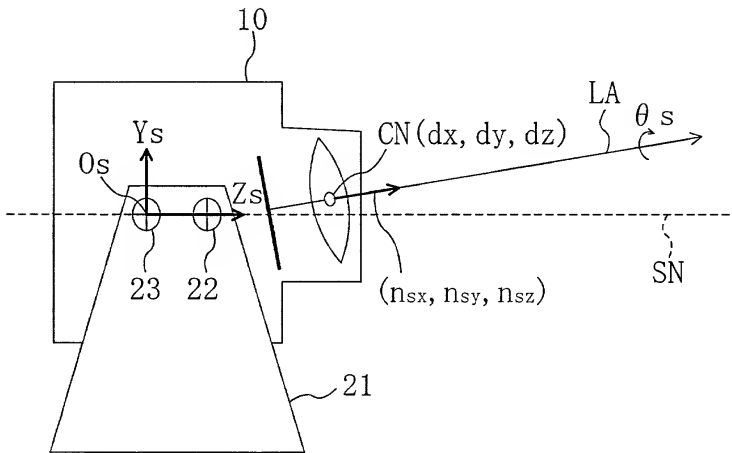


FIG. 7A

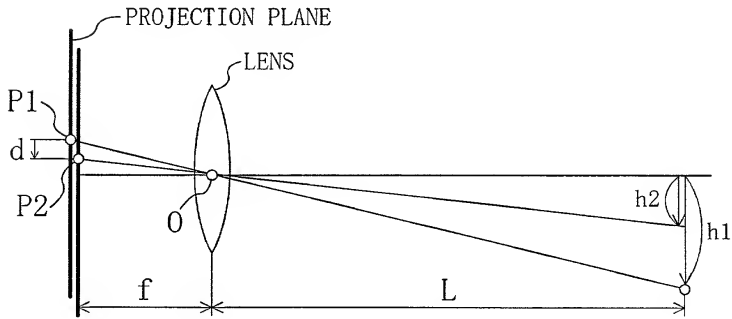


FIG. 7B

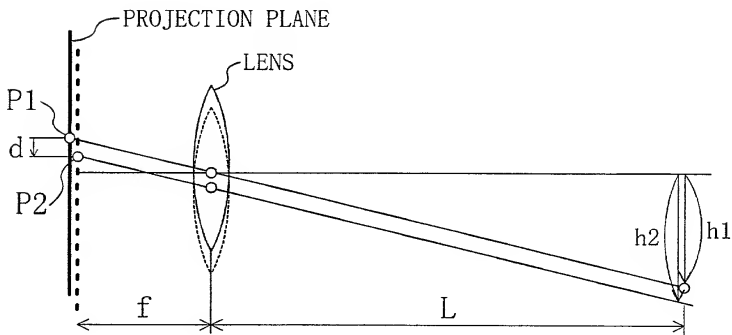


FIG. 8

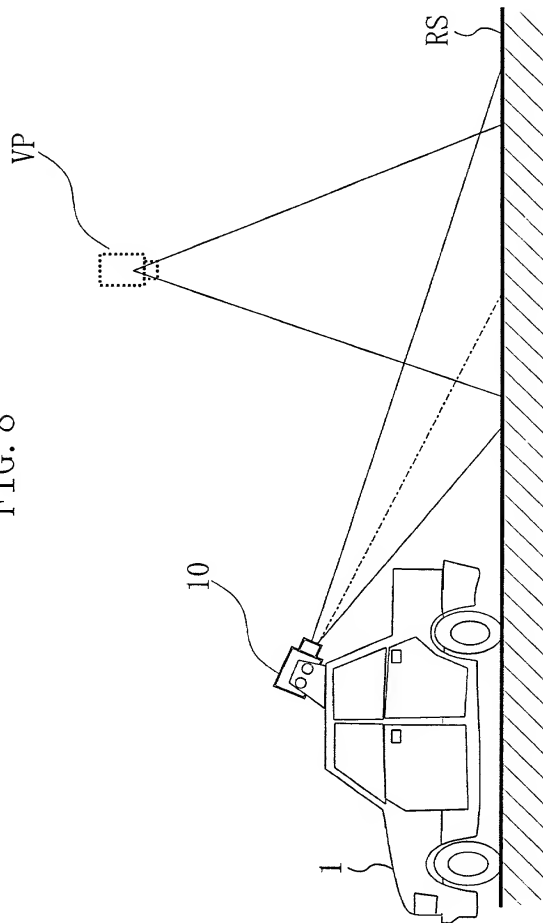


FIG. 9A
CAMERA IMAGE

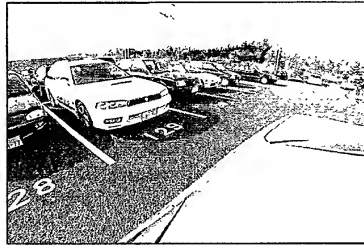


FIG. 9B
SYNTHESIZED IMAGE



FIG. 10

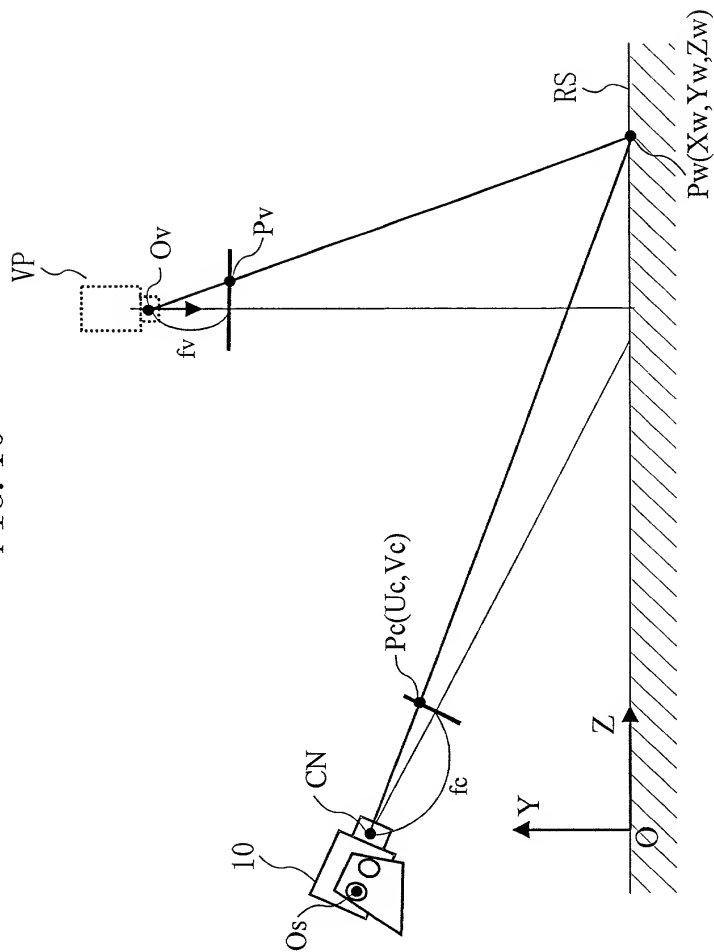


FIG. 11A

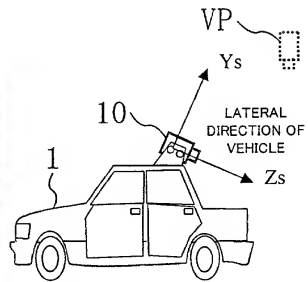
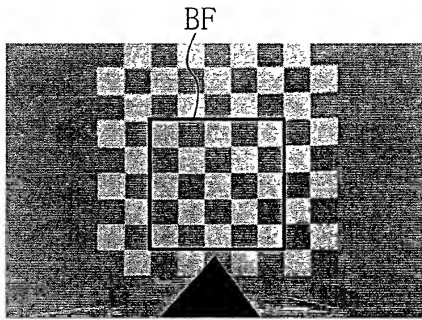


FIG. 11B

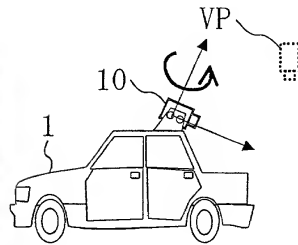
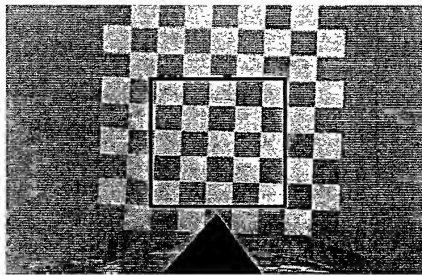
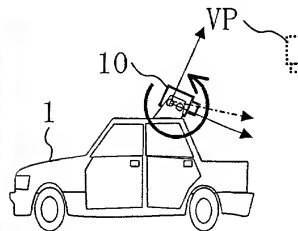
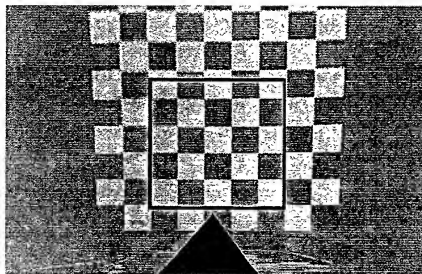


FIG. 11C



11/19

FIG. 12

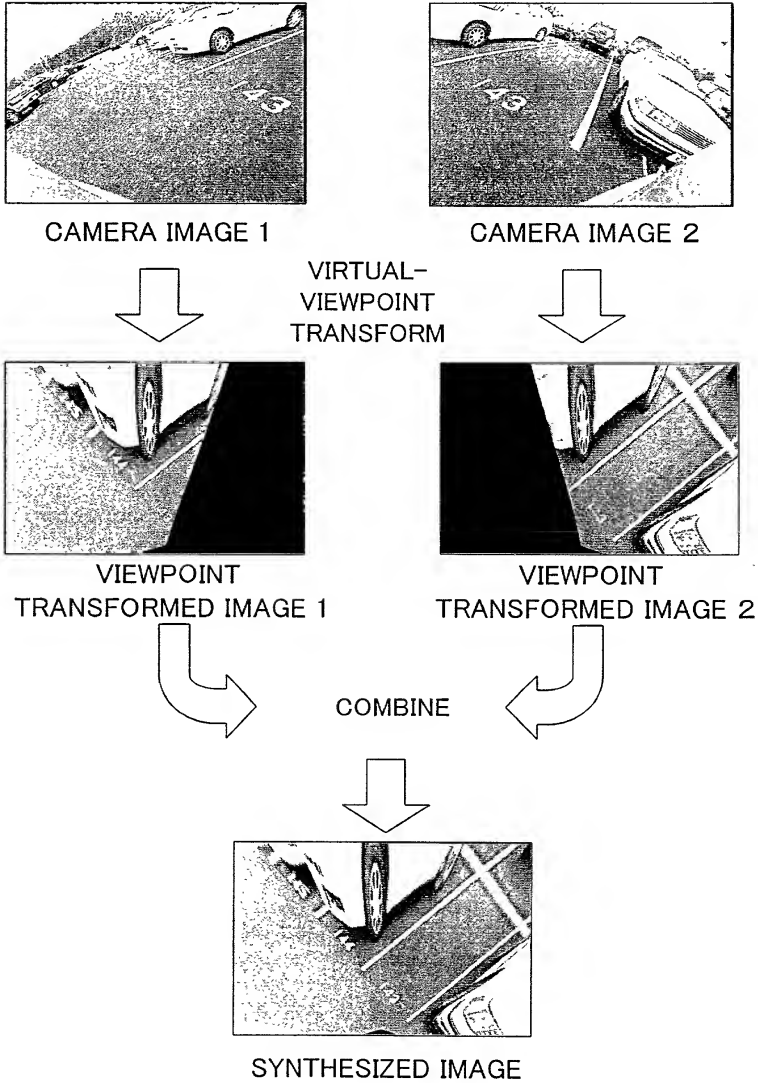
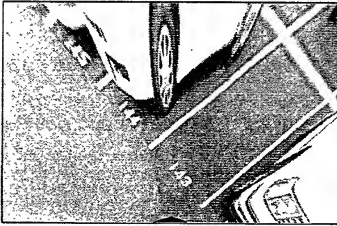


FIG. 12

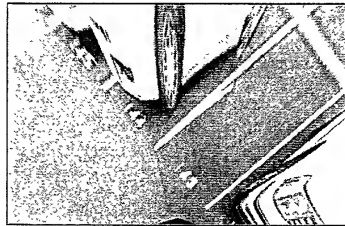
12/19

FIG. 13A



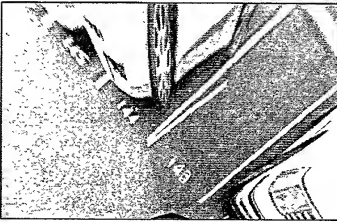
NO DISPLACEMENT

FIG. 13B



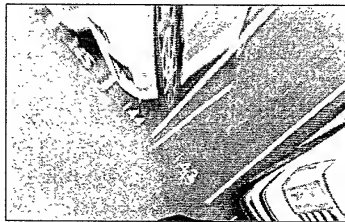
5-PIXEL DISPLACEMENT

FIG. 13C



10-PIXEL DISPLACEMENT

FIG. 13D



20-PIXEL DISPLACEMENT

FIG. 13A

FIG. 14

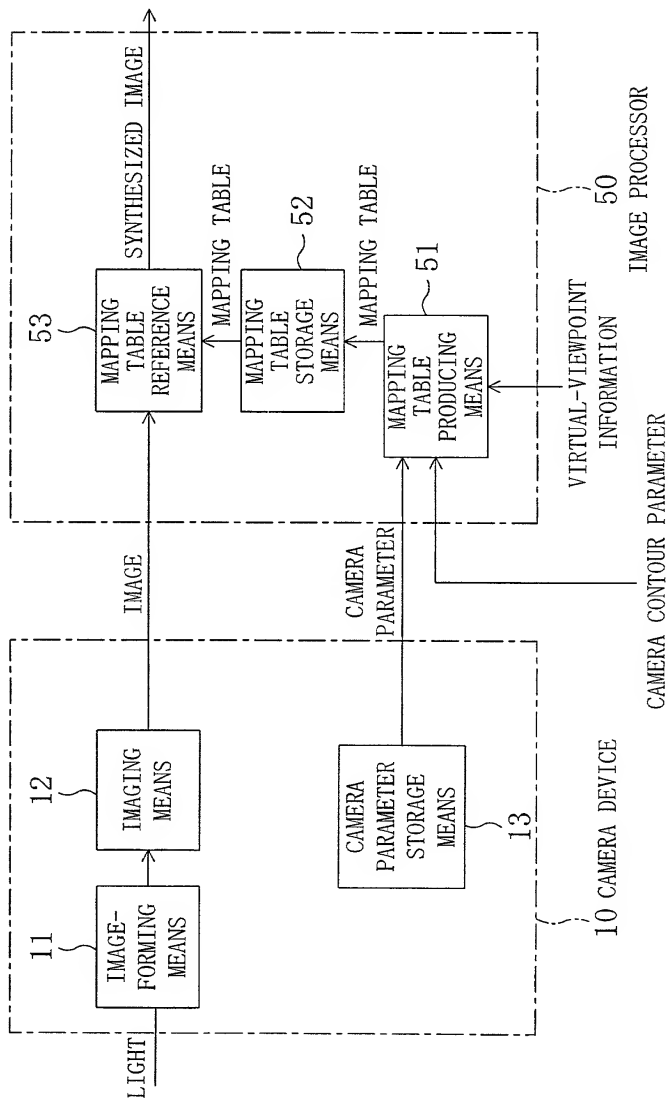


FIG. 15

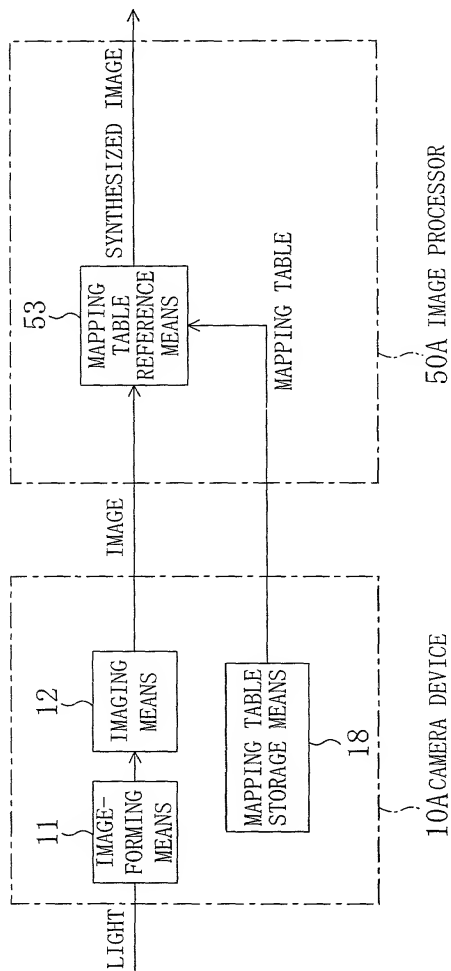


FIG. 16

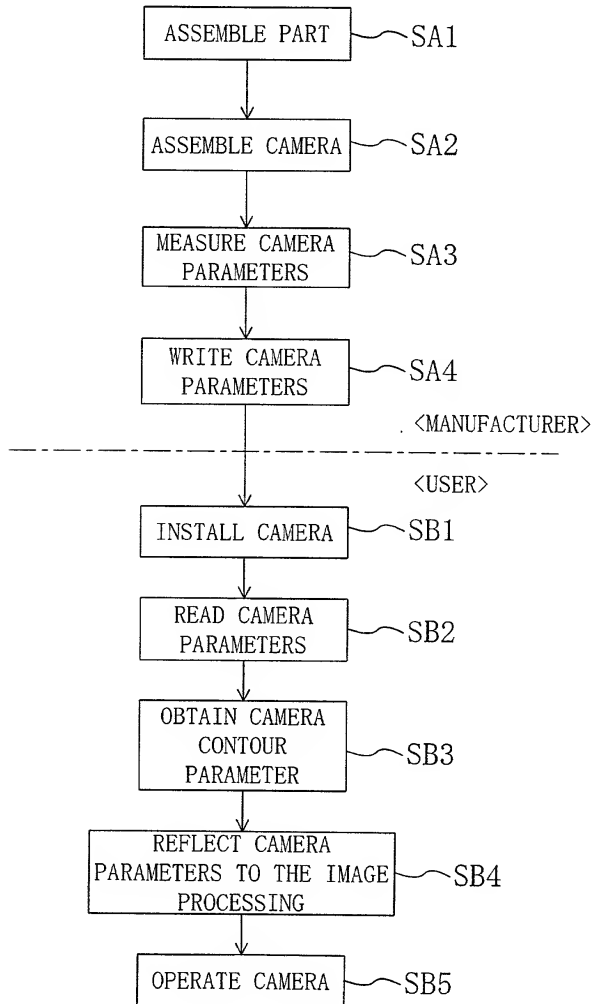


FIG. 17

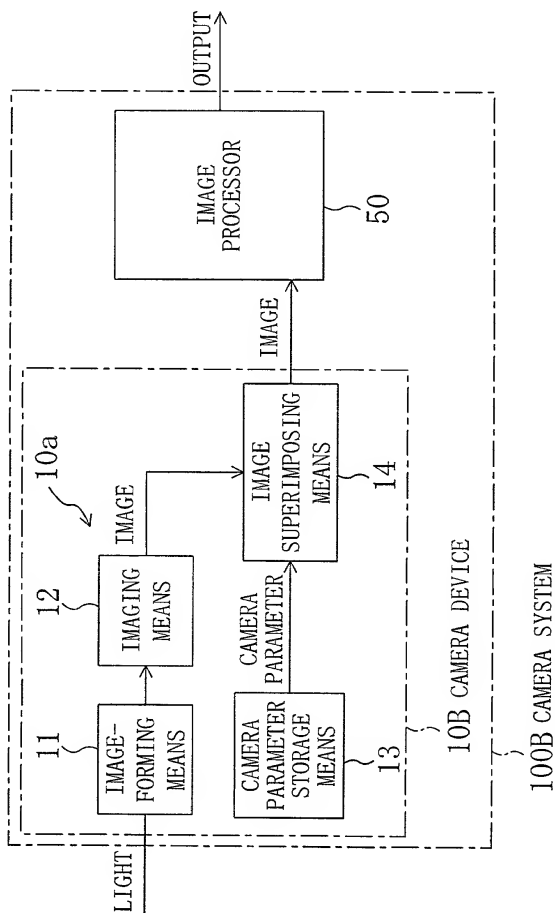


FIG. 18A

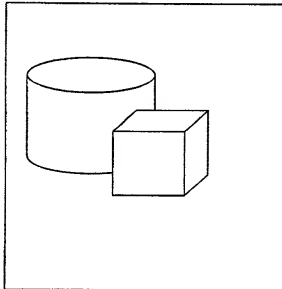


FIG. 18B

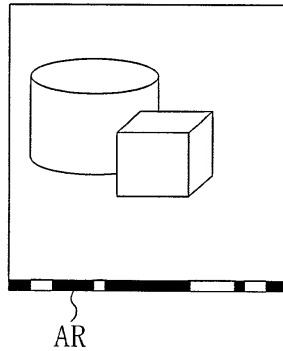


FIG. 19

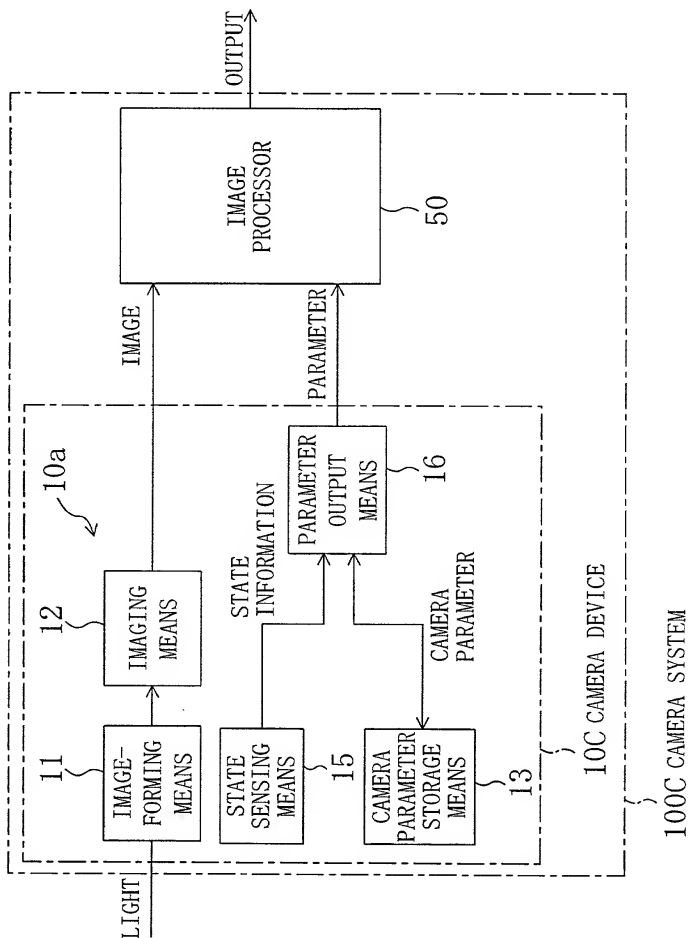


FIG. 20A

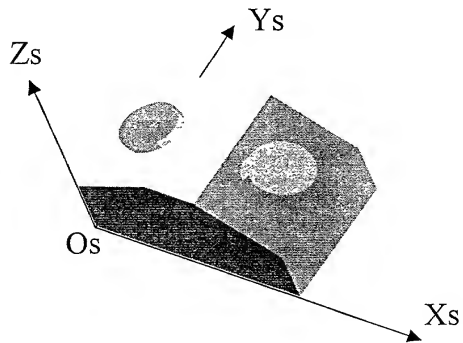


FIG. 20B

